

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

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## Complete if Known

Application Number	10/747,742
Filing Date	December 29, 2003
First Named Inventor	Mark Tawa
Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI.2900C3XC2

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	U1	US-2,711,411	06-21-1955	Holbert, <i>et al.</i>	All
	U2	US-4,198,507	04-15-1980	Barry, <i>et al.</i>	All
	U3	US-4,368,197	01-11-1983	Shefter, <i>et al.</i>	All
	U4	US-4,994,604	02-19-1991	Tung, <i>et al.</i>	All
	U5	US-5,177,262	01-15-1993	Taylor, <i>et al.</i>	All
	U6	US-5,332,834	07-26-1994	Bhattacharya, <i>et al.</i>	All
	U7	US-5,338,644	08-16-1994	Taylor, <i>et al.</i>	All
	U8	US-5,380,867	01-10-1995	Bhattacharya, <i>et al.</i>	All
	U9	US-5,412,094	05-02-1995	Amos, <i>et al.</i>	All
	U10	US-5,523,090	06-04-1996	Znalden, <i>et al.</i>	All
	U11	US-5,614,342	03-25-1997	Molaire, <i>et al.</i>	All
	U12	US-5,998,413	12-07-1999	Heeres, <i>et al.</i>	All
	U13	US-6,001,996	12-14-1999	Amos, <i>et al.</i>	All
	U14	US-6,268,385	07-31-2001	Whittle, <i>et al.</i>	All
	U15	US-6,570,036	05-27-2003	Reuter	All
	U16	US-2003/0162226	08-28-2003	Cima, <i>et al.</i>	All
	U17	US-2003/0166581	09-04-2003	Almarsson, <i>et al.</i>	All
	U18	US-2003/0224006	12-04-2003	Zaworotko, <i>et al.</i>	All
	U19	US-2004/0019211	01-29-2004	Remenar, <i>et al.</i>	All
	U20	US-2004/0106052	06-03-2004	Molaire	All
	U21	US-2004/0106053	06-03-2004	Molaire, <i>et al.</i>	All
	U22	US-2004/0106055	06-03-2004	Molaire, <i>et al.</i>	All
	U23	US-2004/0171062	09-02-2004	Hirth, <i>et al.</i>	All

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Art Unit	1623
Examiner Name	Jonathan S. Lau

Attorney Docket Number TPI.2900C3XC2

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Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U24	US-2004/0176335	09-09-2004	Childs	All
	U25	US-2004/0053853	03-18-2004	Almarsson, <i>et al.</i>	All
	U26	US-2005/0070551	03-31-2005	Remenar, <i>et al.</i>	All
	U27	US-2005/0070551 A1	03-31-2005	Remenar, <i>et al.</i>	All
	U28	US-2005/0169982	08-04-2005	Almarsson, <i>et al.</i>	All
	U29	US-2005/0181041	08-18-2005	Goldman	All
	U30	US-2005/0252649	11-17-2005	Chiu, <i>et al.</i>	All
	U31	US-2005/0256127	11-17-2005	Ku, <i>et al.</i>	All
	U32	US-3,536,809	04-09-1991	Schaller <i>et al.</i>	All
	U33	US-3,598,123	08-10-1971	Zaffaroni	All
	U34	US-3,845,770	11-05-1974	Theeuwes <i>et al.</i>	All
	U35	US-3,916,899	11-04-1975	Theeuwes <i>et al.</i>	All
	U36	US-4,267,179	05-12-1981	Heeres <i>et al.</i>	All
	U37	US-4,764,804	08-16-1988	Muller	All
	U38	US-4,916,134	04-10-1990	Heeres <i>et al.</i>	All
	U39	US-5,006,513	04-09-1991	Hector <i>et al.</i>	All
	U40	US-5,059,595	10-22-1991	Le Grazie	All
	U41	US-5,073,543	12-17-1991	Marshall <i>et al.</i>	All
	U42	US-5,120,548	06-09-1992	McClelland <i>et al.</i>	All
	U43	US-6,559,293	05-06-2003	Almarsson, <i>et al.</i>	All
	U44	US-6,699,840	03-02-2004	Almarsson, <i>et al.</i>	All

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STATEMENT BY APPLICANT

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Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI.2900C3XC2

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	U45	US-5,354,556	10-11-1994	Sparks <i>et al.</i>	All
	U46	US-5,414,997	05-16-1995	Tailler	All
	U47	US-5,474,997	12-12-1995	Gray <i>et al.</i>	All
	U48	US-5,591,767	01-07-1997	Mohr <i>et al.</i>	All
	U49	US-5,633,015	05-27-1997	Gillis <i>et al.</i>	All
	U50	US-5,639,476	06-17-1997	Oshlack <i>et al.</i>	All
	U51	US-5,661,151	08-26-1997	Saksena <i>et al.</i>	All
	U52	US-5,674,533	10-07-1997	Santus <i>et al.</i>	All
	U53	US-5,707,975	01-13-1998	Francois <i>et al.</i>	All
	U54	US-5,733,566	03-31-1998	Lewis	All
	U55	US-2003/0096014	05-22-2003	Sherman	All
	U56	US-4,513,006	04-23-1985	Maryanoff <i>et al.</i>	All
	U57	US-6,191,117	02-20-2001	Kozachuk	All
	U58	US-6,201,010	03-13-2001	Cottrell	All
	U59	US-5,753,693	05-19-1998	Shank	All
	U60	US-5,998,380	12-07-1999	Ehrenberg <i>et al.</i>	All
	U61	US-6,319,903	11-20-2001	Carrazana <i>et al.</i>	All
	U62	US-5,935,933	08-10-1999	Shank <i>et al.</i>	All
	U63	US-5,760,007	06-02-1998	Shank <i>et al.</i>	All
	U64	US-5,952,187	09-14-1999	Stenglein <i>et al.</i>	All
	U65	US-5,242,942	09-07-1993	Costanzo <i>et al.</i>	All
	U66	US-5,384,327	01-24-1995	Costanzo <i>et al.</i>	All
	U67	US-6,071,537	06-06-2000	Shank	All

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	U68	US- 7,078,526	07-18-2006	Remenar <i>et al.</i>	All
	U69	US-2002/0037925	03-28-2002	Dewey <i>et al.</i>	All
	U70	US-2002/0042446	04-11-2002	Dewey <i>et al.</i>	All
	U71	US-2003/0069190	04-10-2003	Abdel-Magid <i>et al.</i>	All
	U72	US-2003/0072802	04-17-2003	Cutler	All
	U73	US-4,008,321	02-15-1977	Kamishita <i>et al.</i>	All
	U74	US-5,468,823	11-14-1995	Talley <i>et al.</i>	All
	U75	US-6,294,192	9-25-2001	Patel <i>et al.</i>	All
	U76	US-6,488,962	12-03-2002	Berner <i>et al.</i>	All
	U77	US-6,503,884	01-07-2003	Ehrenberg <i>et al.</i>	All
	U78	US-3,028,420	04-03-1962	Petrow <i>et al.</i>	All
	U79	US-5,521,207	05-28-1996	Graneto	All
	U80	US-2,665,277	01-05-1954	Homeyer <i>et al.</i>	All
	U81	US-4,927,855	05-22-1990	Lafon	All
	U82	US-5,023,092	06-11-1991	DuRoss	All
	U83	US-5,273,760	12-28-1993	Oshlack <i>et al.</i>	All
	U84	US-5,288,493	02-15-1994	Oshlack <i>et al.</i>	All
	U85	US-5,324,351	06-28-1994	Oshlack <i>et al.</i>	All
	U86	US-5,356,467	10-18-1994	Oshlack <i>et al.</i>	All
	U87	US-5,366,738	11-22-1994	Rork <i>et al.</i>	All
	U88	US-5,472,712	12-05-1995	Oshlack <i>et al.</i>	All
	U89	US-5,510,496	04-23-1996	Talley <i>et al.</i>	All

Examiner Signature	Date Considered
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	U91	US-5,563,165	10-08-1996	Talley <i>et al.</i>	All
	U92	US-5,631,250	05-20-1997	Bunnell <i>et al.</i>	All
	U93	US-5,633,272	05-27-1997	Talley <i>et al.</i>	All
	U94	US-5,703,232	12-30-1997	Bunnell <i>et al.</i>	All
	U95	US-5,753,688	05-19-1998	Talley <i>et al.</i>	All
	U96	US-5,932,598	08-03-1999	Talley <i>et al.</i>	All
	U97	US-5,972,986	10-26-1999	Seibert <i>et al.</i>	All
	U98	US-5,985,902	11-16-1999	Talley <i>et al.</i>	All
	U99	US-6,132,420	10-17-2000	Dionne <i>et al.</i>	All
	U100	US-6,156,781	12-05-2000	Talley <i>et al.</i>	All
	U101	US-6,245,357	06-12-2001	Edgren <i>et al.</i>	All
	U102	US-6,270,787	08-07-2001	Ayer	All
	U103	US-6,283,953	09-04-2001	Ayer <i>et al.</i>	All
	U104	US-6,287,295	09-11-2001	Chen <i>et al.</i>	All
	U105	US-6,323,266	11-27-2001	Phillips	All
	U106	US-6,333,050	12-25-2001	Wong <i>et al.</i>	All
	U107	US-6,342,249	01-29-2002	Wong <i>et al.</i>	All
	U108	US-6,348,458	02-19-2002	Harnied <i>et al.</i>	All
	U109	US-6,365,185	04-02-2002	Ritschel <i>et al.</i>	All
	U110	US-6,368,626	04-09-2002	Bhatt <i>et al.</i>	All
	U111	US-6,375,978	04-23-2002	Kleiner <i>et al.</i>	All

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	U112	US-6,384,034	05-07-2002	Simitchieva <i>et al.</i>	All
	U113	US-6,403,640	06-11-2002	Stoner <i>et al.</i>	All
	U114	US-6,413,965	07-02-2002	Mylari	All
	U115	US-6,579,895	06-17-2003	Karim <i>et al.</i>	All
	U116	US-6,613,790	09-02-2003	Carter	All
	U117	US-7,172,769	02-06-2007	Kararli <i>et al.</i>	All
	U118	US-7,205,413	04-17-2007	Monissette <i>et al.</i>	All
	U119	US-7,446,107	11-04-2008	Remenar <i>et al.</i>	All
	U120	US-7,452,555	11-18-2008	Childs	All
	U121	US-7,459,449	12-02-2008	Keltjens	All
	U122	US-2002/0013357	01-31-2002	Nadkarni <i>et al.</i>	All
	U123	US-2002/0006951	01-17-2002	Hageman <i>et al.</i>	All
	U124	US-2002/0015735	02-07-2002	Hedden <i>et al.</i>	All
	U125	US-2002/0034542	03-21-2002	Thombre <i>et al.</i>	All
	U126	US-2002/0071857	06-13-2002	Kararli <i>et al.</i>	All
	U127	US-2002/0119193	08-29-2002	Le <i>et al.</i>	All
	U128	US-2002/0107250	08-08-2002	Hariharan <i>et al.</i>	All
	U129	US-2004/0029946	02-12-2004	Arora <i>et al.</i>	All
	U130	US-2004/0154890	08-12-2004	Liu	All
	U131	US-2004/0242640	12-02-2004	Desai <i>et al.</i>	All
	U132	US-2007/0015841	01-18-2007	Tawa <i>et al.</i>	All

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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## Complete if Known

Application Number	10/747,742
Filing Date	December 29, 2003
First Named Inventor	Mark Tawa
Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI.2900C3XC2

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U133	US-2007/0293674	12-20-2007	Scoppettuolo <i>et al.</i>	All
	U134	US-7,132,570	11-07-2006	Neckebrock <i>et al.</i>	All
	U135	US-2006/0223794	10-05-2006	Hickey <i>et al.</i>	All
	U136	US-2007/0021510	01-25-2007	Hickey <i>et al.</i>	All
	U137	US-2007/0059356	03-15-2007	Almarsson <i>et al.</i>	All
	U138	US-7,132,579	11-07-2006	Neckebrock <i>et al.</i>	All

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
	F1	WO 01/45706	06-28-2001	Pharmacia Corporation	All
	F2	WO 2002/102376	12-27-2002	Pharmacia Corporation	All
	F3	WO 2002/10125	02-07-2002	Teva Pharmaceutical Industries Ltd.	All
	F4	WO 2002/056915	07-25-2002	Cephalon, Inc.	All
	F5	WO 2005/053612	06-16-2005	Shire Laboratories, Inc.	All
	F6	WO 96/33193	10-24-1996	Janssen Pharmaceutica N.V.	All
	F7	JP 54-095589	07-28-1979	Sumitomo Chemical Co. Ltd.	All
	F8	FR 2,849,029	06-25-2004	Laboratoire L. Lafon	All
	F9	EP 413528 B1	11-15-1995	Yu, R. <i>et al.</i>	All

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/747,742
Sheet	8	of	39	Filing Date	December 29, 2003
				First Named Inventor	Mark Tawa
				Art Unit	1623
				Examiner Name	Jonathan S. Lau
				Attorney Docket Number	TPI.2900C3XC2

<b>FOREIGN PATENT DOCUMENTS</b>						
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		Country Code <sup>3</sup>	- Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
F10		EP	0283992 B1	09-16-1992	Janssen Pharma	All
F11		EP	0310122 B1	04-05-1989	Kaken Pharma	All
F12		EP	1364649 A1	11-26-2003	Cilag AG	All
F13		FR	769,586	06-11-1934	Chemische Fabrik von Heyden	All
F14		IT	01303251	11-06-2000	Industriale Chimica, S.R.L.	All
F15		JP	54-16494	02-07-1979	Yamanouchi Pharmaceutical Co., Ltd.	All
F16		WO	00/50020 A2	08-31-2000	University of Cincinnati	All
F17		WO	2000/53283 A1	09-14-2000	Reuter Chemische Apparatebau KG	All
F18		WO	2001/13904 A2	03-01-2001	Ortho-McNeil Pharmaceutical, Inc.	All
F19		WO	2001/97853 A1	12-27-2001	Biochemie Gesellschaft MBH	All
F20		WO	2002/062318 A2	08-15-2002	DSM N.V.	All
F21		WO	94/16733 A1	08-04-1994	Chiesi Farmaceutici S.P.A.	All
F22		WO	96/07331 A1	03-14-1996	Xyrofin Oy	All
F23		WO	98/57967 A1	12-23-1998	Dong-A Pharmaceutical Co., Ltd.	All
F24		WO	2003/101392 A2	12-11-2003	Transform Pharmaceuticals, Inc.	All

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Application Number	10/747,742
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First Named Inventor	Mark Tawa
Art Unit	1623
Examiner Name	Jonathan S. Lau

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## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
	F25	WO 2004/054571 A1	07-01-2004	Cilag AG	All	
	F26	WO 2004/078161 A1	09-16-2004	Transform Pharmaceuticals, Inc.	All	
	F27	WO 2004/078163 A2	09-16-2004	Transform Pharmaceuticals, Inc.	All	
	F28	WO 2004/089313 A2	10-21-2004	Transform Pharmaceuticals, Inc.	All	
	F28	WO 2005/023198 A2	03-17-2005	Transform Pharmaceuticals, Inc.	All	
	F30	WO 2005/037424 A1	04-28-2005	Salvias AG	All	
	F31	WO 2005/055983 A2	06-23-2005	Medcrystalforms, LCC	All	
	F32	WO 2005/060968 A1	07-07-2005	Sepracor, Inc.	All	
	F33	WO 2005/089375 A2	09-29-2005	S.S.C.I., Inc.	All	
	F34	WO 2005/094804 A1	10-13-2005	The Regents of the University of Michigan	All	
	F35	WO 2006/024930 A1	03-09-2006	Pharmacia and Upjohn Co., LCC	All	
	F36	WO 03/070738 A2	08-28-2003	Transform Pharmaceuticals, Inc.	All	
	F37	WO 03/074474 A2	09-12-2003	Univ. South Fl	All	
	F38	WO 95/17407 A1	06-29-1995	Schering Corp	All	

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**INFORMATION DISCLOSURE  
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**Complete if Known**

Application Number	10/747,742
Filing Date	December 29, 2003
First Named Inventor	Mark Tawa
Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI.2900C3XC2

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear <sup>2</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
F39		WO 00/72841 A1	12-07-2000	Berlant, Jeffrey	All
F40		WO 03/033462 A2	04-23-2003	Regents of Univ. Mich.	All
F41		WO 01/51919 A2	07-19-2001	Transform Pharm. Inc.	All
F42		WO 01/42222 A1	06-14-2001	Pharmacia Corp.	All
F43		WO 00/32189 A1	06-08-2000	G. D. Searle & Co.	All
F44		WO 01/41760 A3	06-14-2001	Pharmacia Corporation	All
F45		WO 01/78724 A1	10/25/2001	Pharmacia Corporation	All
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F47		WO 02/00627 A1	01/03/2002	Fako Ilacilar A.S.	All
F48		IN 182620	12-24-1994	Bajaj <i>et al.</i>	All
F49		WO 02/056878 A2	07-25-2002	Pharmacia Corp.	All
F50		WO 01/41536 A2	06-14-2001	Pharmacia Corp.	All
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F54		WO 00/07583 A2	02-17-2000	Brookhaven Science Associates	All
F55		GB 2 169 601	07-16-1986	Tate & Lyle Public Limited Co.	All
F56		GB 1 297 261	12-22-1972	E.R. Squibb & Sons, Inc.	All

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Application Number	10/747,742
Filing Date	December 29, 2003
First Named Inventor	Mark Tawa
Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI2900C3XC2

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	R1	AAKERÖY, C. <i>et al.</i> "Crystal engineering of hydrogen-bonded assemblies- a progress report" <i>Aust. J. Chem.</i> , 2001, pp. 409-421, Vol. 54.	
	R2	BINGHAM, A. <i>et al.</i> "Over one hundred solvates of sulfathiazole" <i>Chem. Commun.</i> , 2001, pp. 603-604.	
	R3	BYRIEL, K., <i>et al.</i> "Molecular cocrystals of carboxylic acids. IX" Carboxylic acid interactions with organic heterocyclic bases. The crystal structures of the adducts of (2,4-dichlorophenoxy) acetic acid with 3-hydroxypyridine, 2,4,6-trinitrobenzoic acid with 2-aminopyrimidine, and 4-nitrobenzoic acid with 3-amino-1,2,4-triazole" <i>Aust. J. Chem.</i> , 1992, pp. 969-981, Vol. 45, No. 6.	
	R4	SALMON, J. <i>et al.</i> "Supramolecular chemistry of boronic acids (Abstract)" 38 <sup>th</sup> Midwest Regional Meeting of the American Chemical Society in Columbia, MO., November 5-7, 2003, published by the American Chemical Society, Washington, D.C.	
	R5	URBINA, J. <i>et al.</i> "Supramolecular design of inorganic/organic networks using flexible ligands with self-complementary hydrogen bonds (Abstract)" 38 <sup>th</sup> Midwest Regional Meeting of the American Chemical Society in Columbia, MO., November 5-7, 2003, published by the American Chemical Society, Washington, D.C.	
	R6	SMITH, D. <i>et al.</i> "Structure confirmation by single crystal X-ray diffraction of a series of new schiff bases and theoretical computations on 3-(N-2- $\alpha$ , $\alpha$ -trifluorotolylidene amino) tetrahydrothiophene-1, 1-dioxide (Abstract)" 216 <sup>th</sup> ACS National Meeting in Boston, MA., August 23-27, 1998, published by the American Chemical Society, Washington, D.C.	
	R7	DESIRAJU, G. "Supramolecular synths in crystal engineering- A new organic synthesis" <i>Angew. Chem. Int. Ed. Engl.</i> , 1995, pp. 2311-2327, Vol. 34.	
	R8	FRITCHIE, C. <i>et al.</i> "The configuration of phenothiazine in various molecular complexes" <i>Chem. Commun.</i> , 1968, pp. 833-834.	
	R9	HUANG, C.-M. <i>et al.</i> "Molecular packing modes. Part XI. Crystal structures of the 2:1 complexes of benzamide with succinic acid and furamide with oxalic acid" <i>J. Chem. Soc. Perkins Trans. 2: Physical Organic Chemistry</i> , 1973, pp. 503-508, Vol. 5.	
	R10	JACKISCH, M. <i>et al.</i> "Structures of three related biphenyl compounds: 4,4'-biphenyldiol, 3,3',5'-tetra-butyl-4,4'-biphenyldiol, and 3,3',5,5'-tetra- <i>tert</i> -butyl-1,1'-bicyclohexa-2,5-dienylidene-4,4'-dione" <i>Acta Cryst.</i> , 1990, pp. 919-922, Vol. C46.	
	R11	KIM, S. <i>et al.</i> "The structure of a crystalline complex containing one phenobarbital molecule and two adenine derivatives" <i>Proc. Natl. Acad. Sci. USA</i> , 1968, pp. 402-408, Vol. 60.	

Examiner  
SignatureDate  
Considered

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Filing Date	December 29, 2003
First Named Inventor	Mark Tawa
Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI.2900C3XC2

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R12	KOBAYASHI, H. et al. "Sinusoidal structure of the 1:1 complex of phenothiazine and 7,7,8,8-tetracyanoquinodimethane, PTZ-TCNQ" <i>Acta Cryst.</i> , 1974, pp. 1010-1017, Vol. B30.		
R13	ERMER, O. et al. "Molecular recognition among alcohols and amines: super-tetrahedral crystal architectures of linear diphenol-diamine complexes and aminophenols" <i>J. Chem. Soc. Perkins Trans. 2</i> , 1994, pp. 925-944.		
R14	MARTIN, R. et al. "Polyphenal-caffeine complexation" <i>J. Chem. Soc., Chem. Commun.</i> , 1986, pp. 105-106.		
R15	LEHN, J.-M. et al. "Molecular recognition directed self-assembly of ordered supramolecular strands by cocrystallization of complementary molecular components" <i>Chem. Soc., Chem. Commun.</i> , 1990, pp. 479-481.		
R16	LYNCH, D. et al. "Molecular cocrystals of carboxylic acids. XV. Preparation and characterization of heterocyclic base adducts with a series of carboxylic acids, and the crystal structures of the adducts of 2-aminopyrimidine with 2,6-dihydroxybenzoic acid, 4-aminobenzoic acid, phenoxyacetic acid, (2,4-dichlorophenoxy) acetic acid, (3,4-dichlorophenoxy) acetic acid and salicylic acid, and 2-aminopyrimidine with 2,6-dihydroxybenzoic acid" <i>Aust. J. Chem.</i> , 1994, pp. 1097-1115, Vol. 47.		
R17	MCINTOSH, J. et al. "Chemotherapeutic drugs in anaerobic infections of wounds" <i>The Lancet</i> , June 26, 1943, pp. 793-795.		
R18	MCINTOSH, J. et al. "Zinc peroxide, proflavine and penicillin in experimental <i>cl. welchii</i> infections" <i>The Lancet</i> , December 26, 1942, pp. 750-752.		
R19	SMITH, G. et al. "Molecular cocrystals of carboxylic acids. XXI. The role of secondary group interactions in adduct formation between 2-aminopyrimidine and substituted benzoic acids: the crystal structures of the adducts with o-phthalic acid, o-nitrobenzoic acid, o-aminobenzoic acid and m-aminobenzoic acid" <i>Aust. J. Chem.</i> , 1995, pp. 1151-1166, Vol. 48.		
R20	WEISSBUCH, I. et al. "Crystal morphology control with tailor-made additives; a stereochemical approach" <i>Advances in Crystal Growth Research</i> , 2001, pp. 381-400.		
R21	MCMAHON, J. et al. "Crystal engineering of the composition of pharmaceutical phases. 3. Primary amide supramolecular heterosynthons and their role in the design of pharmaceutical co-crystals" <i>Z. Kristallogr.</i> , 2005, pp. 340-350, Vol. 220.		

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**INFORMATION DISCLOSURE  
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Sheet 13 of 39

**Complete If Known**

Application Number	10/747,742
Filing Date	December 29, 2003
First Named Inventor	Mark Tawa
Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI2900C3XC2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	R22	MEEJOO, S. <i>et al.</i> "The interplay of aryl-perfluoroaryl stacking interactions and interstack hydrogen bonding in controlling the structure of a molecular cocrystal" <i>Chemphyschem</i> , 2003, pp. 766-769, Vol. 4.	
	R23	MIRMEHRABI, M. <i>et al.</i> "Improving the filterability and solid density of ranitidine hydrochloride form 1" <i>Journal of Pharmaceutical Sciences</i> , July 2004, pp. 1692-1700, Vol. 93, No. 7.	
	R24	MORRIS, K. <i>et al.</i> "Theoretical approaches to physical transformations of active pharmaceutical ingredients during manufacturing processes" <i>Advanced Drug Delivery Reviews</i> , 2001, pp. 91-114, Vol. 48.	
	R25	NAKANISHI, I. <i>et al.</i> "X-ray structural studies on two forms of $\beta$ -cyclodextrin barbital complexes" <i>Journal of Inclusion Phenomena</i> , 1984, pp. 689-699, Vol. 2.	
	R26	NAKAO, S. <i>et al.</i> "The crystal and molecular structure of the 2:1 molecular complex of theophylline with phenobarbital" <i>Acta Cryst.</i> , 1977, pp. 1373-1378, Vol. B33.	
	R27	NATARAJAN, S. <i>et al.</i> "Reinvestigation of the crystal structure of diglycine hydrochloride" <i>Zeitschrift für Kristallographie</i> , 1992, pp. 265-270, Vol. 198.	
	R28	OLENIK, B. <i>et al.</i> "Cooperative and anticooperative effects in the cocrystals of mono- and diazanaphthalenes with meso-1, 2-diphenyl-1,2-ethanediol" <i>Crystal Growth &amp; Design</i> , 2003, pp. 175-181, Vol. 3, No. 2.	
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	R30	GROTH, P. "d-Glucose-sodium chloride-monohydrate (glucose-sodium chloride) = $2C_6H_{12}O_6 \cdot NaCl \cdot H_2O$ " <i>Chemische Kristallographie</i> , 1910, pp. 438-439.	X
	R31	OSWALD, I. <i>et al.</i> "Rationalisation of co-crystal formation through knowledge-mining" <i>Crystallography Reviews</i> , 2004, pp. 57-66, Vol. 10, No. 1.	
	R32	OUYANG, X. <i>et al.</i> "Single-crystal-to-single-crystal topochemical polymerizations of a terminal diacetylene: two remarkable transformations give the same conjugated polymer" <i>J. Am. Chem. Soc.</i> , 2003, pp. 12400-12401, Vol. 125.	
	R33	PATEL, U. <i>et al.</i> "Structure of the 1:1 complex between 4-amino-N-(4,6-dimethyl-2-pyrimidinyl)-benzenesulfonamide (sulfadimidine) and 2-hydroxybenzoic acid (salicylic acid)" <i>Acta Cryst.</i> , 1988, pp. 1264-1267, Vol. C44.	

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Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI.2900C3XC2

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	R34	REDDY, L. <i>et al.</i> "Phenyl-perfluorophenyl synthon mediated cocrystallization of carboxylic acids and amides" <i>Crystal Growth &amp; Design</i> , 2004, pp. 89-94, Vol. 4, No. 1.	
	R35	REMENAR, J. <i>et al.</i> "Crystal engineering of novel cocrystals of a triazole drug with 1,4-dicarboxylic acids" <i>J. Am. Chem. Soc.</i> , 2003, pp. 8456-8457, Vol. 125.	
	R36	SCHMIDT, G. "Photodimerization in the solid state" <i>Pure Appl. Chem.</i> , 1971, pp. 647-678, Vol. 27.	
	R37	SHAN, N. <i>et al.</i> "Co-crystal of 4,7-phenanthroline and carboxylic acids: synthon competition and prediction" <i>Tetrahedron Letters</i> , 2002, pp. 8721-8725, Vol. 43.	
	R38	SHAN, N. <i>et al.</i> "Crystal engineering using 4,4'-bipyridyl with di- and tricarboxylic acids" <i>Crystal Engineering</i> , 2002, pp. 9-24, Vol. 5.	
	R39	SHAN, N. <i>et al.</i> "Supramolecular synthons in the co-crystal structures of 2-aminopyrimidine with diols and carboxylic acids" <i>Tetrahedron Letters</i> , 2002, pp. 3101-3104, Vol. 43.	
	R40	MCINTOSH, J. <i>et al.</i> "Further observations on the chemotherapy of experimental gas gangrene: flavaazole, marfanil, V187 and V335" <i>British Journal of Experimental Pathology</i> , 1946, pp. 46-54, Vol. 27.	
	R41	SHAVIV, R. <i>et al.</i> "Magnetochemistry of the tetrahaloferrate (III) ions 6. Crystal structure and magnetic ordering in [(pyH) <sub>3</sub> Cl][FeCl <sub>4</sub> ] <sub>2</sub> " <i>Inorganica Chimica Acta</i> , 1992, pp. 613-621, Vol. 198-200.	
	R42	SHEFTER, E. "Structural studies on complexes IV: Crystal structure of a 1:1 5-chlorosalicylic acid and theophylline complex" <i>Journal of Pharmaceutical Sciences</i> , 1969, pp. 710-714, Vol. 58.	
	R43	SHIMIZU, N. <i>et al.</i> "Structure of 2,4-diamino-5-(3,4,5-trimethoxybenzyl) pyrimidine-5,5-diethylbarbituric acid (1:1)" <i>Acta Cryst.</i> , 1982, pp. 2309- 2311, Vol. B38.	
	R44	SINGH, N. B. <i>et al.</i> "Solid state reaction between 8-hydroxyquinoline and p-nitrobenzoic acid" <i>Indian Journal of Chemistry</i> , May 1988, pp. 429-432, Vol. 37B.	
	R45	SMITH, G. <i>et al.</i> "The 1:1 adduct of 4-aminobenzoic acid with 4-aminobenzonitrile" <i>Acta Cryst.</i> , 2000, pp. 1155-1156, Vol. C56.	
	R46	STEINER, T. "Donor and acceptor strengths in C-H---O hydrogen bonds quantified from crystallographic data of small solvent molecules" <i>New. J. Chem.</i> , 1998, pp. 1099-1103.	

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Sheet 15 of 39

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Application Number	10/747,742
Filing Date	December 29, 2003
First Named Inventor	Mark Tawa
Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI.2900C3XC2

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	R47	STOREY, R. et al. "Automation of solid form screening procedures in the pharmaceutical industry- how to avoid the bottlenecks" <i>Crystallography Reviews</i> , 2004, pp. 45-56, Vol. 10, No. 1.	
	R48	SZAFRAN, M. et al. "Molecular structures and hydrogen bonding in the 1:1 and 1:2 complexes of pyridine betaine with 2,6-dichloro-4-nitrophenol; an example of strongly coupled hydrogen bonds, O-H <sup>+</sup> -O=C-O-H <sup>+</sup> -O" <i>Journal of Molecular Structure</i> , 1997, pp. 145-160, Vol. 416.	
	R49	TAKEUCHI, M. et al. "Synchrotron radiation SAXS/WAXS study of polymorph-dependent phase behavior of binary mixtures of saturated monoacid triacylglycerols" <i>Crystal Growth &amp; Design</i> , 2003, pp. 369-374, Vol. 3, No. 3.	
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	R51	TAYLOR, R. et al. "Rules governing the crystal packing of mono- and dialcohols" <i>Acta Crystallographica Section B, Structural Science</i> , 2001, pp. 815-827, Vol. B57.	
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	R53	TIMMERMAN, P. et al. "Noncovalent Assembly of functional groups on calix[4]arene molecular boxes" <i>Chem. Eur. J.</i> , 1997, pp. 1823-1832, Vol. 3, No. 11.	
	R54	SHAN, N. et al. "Mechanochemistry and co-crystal formation: effect of solvent on reaction kinetics" <i>Chem. Commun.</i> , 2002, pp. 2372-2373.	
	R55	CAIRA, M. et al. "X-ray structure and thermal analysis of a 1:1 complex between (S)-naproxen and heptakis (2,3,6-tri-O-methyl)- $\beta$ -cyclodextrin" <i>Journal of Inclusion Phenomena and Molecular Recognition in Chemistry</i> , 1995, pp. 277-290, Vol. 20.	
	R56	TRASK, A. et al. "Crystal engineering of organic cocrystals by the solid-state grinding approach" <i>Top Curr. Chem.</i> , 2005, pp. 41-70, Vol. 254.	
	R57	TRASK, A. et al. "Pharmaceutical cocrystallization: engineering a remedy for caffeine hydration" <i>Crystal Growth &amp; Design</i> , 2005, pp. 1013-1021, Vol. 5, No. 3.	
	R58	TRASK, A. et al. "Solvent-drop grinding: green polymorph control of cocrystallisation" <i>Chem. Commun.</i> , 2004, pp. 890-891 in addition to supplemental materials.	

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Filing Date	December 29, 2003
First Named Inventor	Mark Tawa
Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI 2900C3XC2

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	R59	TROWBRIDGE, L. et al. "Composites for nonlinear optics: Crystal growth and polymorphism" <i>University of Sussex, Falmer Brighton UK, School of Chemistry and Molecular Sciences</i> , pp. 272.	
	R60	UNO, T. et al. "Structure of 5,5-diphenylhydantoin-1-(4-bromophenyl)-4-dimethylamino-2,3-dimethyl-3-pyrazolin-5-one (1:1)" <i>Acta Cryst.</i> , 1980, pp. 2794-2796, Vol. B36.	
	R61	VAN ROEY, P. et al. "Structure-activity studies of non-steroidal aromatase inhibitors: the crystal and molecular structures of CGS 16949A and CGS 18320B" <i>J. Enzyme Inhibition</i> , 1991, pp. 119-132, Vol. 5.	
	R62	VAN ROEY, P. et al. "Structure of cis-1-[(4-(1-imidazolylmethyl) cyclohexyl] methyl] imidazole- succinic acid complex" <i>Acta Cryst.</i> , 1991, pp. 1015-1018, Vol. C47.	
	R63	VISHWESHWAR, P. et al. "Crystal engineering of pharmaceutical co-crystals from polymorphic active pharmaceutical ingredients" <i>Chem. Commun.</i> , 2005, pp. 4601-4603.	
	R64	VISHWESHWAR, P. et al. "Recurrence of carboxylic acid- pyridine supramolecular synthon in the crystal structures of some pyrazinecarboxylic acids" <i>J. Org. Chem.</i> , 2002, pp. 556-565, Vol. 67.	
	R65	VISHWESHWAR, P. et al. "Supramolecular synthons based on N-H---N and C-H---O hydrogen bonds. Crystal engineering of a helical structure with 5,5-diethylbarbituric acid" <i>Chem. Commun.</i> , 2002, pp. 1830-1831.	
	R66	VISHWESHWAR, P. et al. "Supramolecular synthons in phenol-lsionicotinamide adducts" <i>Cryst. Eng. Comm.</i> 2003, pp. 164-168, Vol. 5, No. 31.	
	R67	VOET, D. et al. "The crystal and molecular structure of the intermolecular complex 9-ethyladenine-5, 5-diethylbarbituric acid" <i>Journal of the American Chemical Society</i> , November 15, 1972, pp. 8213-8222, Vol. 94, No. 23.	
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	R69	STEZOWSKI, J. J. et al. "Characterization of a 1:1 complex of an unusual structure in the phenothiazine/phenazine binary phase diagram" <i>Zeitschrift fur Kristallographie in International Journal for Structural, Physical, Chemical Aspects of Crystalline Materials</i> , 1983, pp. 213-215, Vol. 162, No. 1-4.	X
	R70	WANG, A. et al. "Crystal structure of 1:1 complex of barbital with 1-methylimidazole" <i>Journal of Pharmaceutical Sciences</i> , March 1979, pp. 361-363, Vol. 68, No. 3.	

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R71	ALBEROLA, S. <i>et al.</i> "Crystalline and Molecular Structure of Sulfanilimide-Antipyrine" <i>Acta Cryst.</i> , 1977, pp. 3337-3341, Vol. B33.		x
R72	WOOD, R. A. <i>et al.</i> "2,5-O-methylene-D-mannitol sodium-chloride, C <sub>7</sub> H <sub>14</sub> O <sub>6</sub> . NaCl" <i>Cryst. Struct. Comm.</i> , 1976, 207-210, Vol. 5.		
R73	XU, J. <i>et al.</i> "Effect of composition distribution on miscibility and co-crystallization phenomena in the blends of low density polyethylene with conventional and metallocene-based ethylene-butene copolymers" <i>Polymer</i> , 2001, pp. 3867-3874, Vol. 42.		
R74	YOO, J. <i>et al.</i> "Cocrystallization of a dinuclear platinum complex as a monomer and a one-dimensional polymer" <i>Polyhedron</i> , 2002, pp. 715-719, Vol. 21.		
R75	ZAITU, S. <i>et al.</i> "A 2:1 molecular complex of theophylline and 5-fluorouracil as the monohydrate" <i>Acta Cryst.</i> , 1995, pp. 1857-1859, Vol. C51.		
R76	ZAMAN, M. B. <i>et al.</i> "Linear hydrogen-bonded molecular tapes in the cocrystals of squaric acid with 4,4'-dipyridylacetylene and 1,2-bis(4-pyridyl) ethylene" <i>Acta Cryst.</i> , 2001, pp. 621-624, Vol. C57.		
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R80	ZERKOWSKI, J. <i>et al.</i> "Polymorphic packing arrangements in a class of engineered organic crystals" <i>Chem. Mater.</i> , 1997, pp. 1933-1941, Vol. 9.		
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R83	ZHU, H. <i>et al.</i> "Influence of water activity in organic solvent + water mixtures on the nature of the crystallizing drug phase. 1. theophylline" <i>International Journal of Pharmaceutics</i> , 1996, pp. 151-160, Vol. 135.		

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	R85	COWAN, J. A. <i>et al.</i> "Neutron diffraction studies of the 1:1 and 2:1 cocrystals of benzene-1,2,4,5-tetracarboxylic acid and 4,4'-bipyridine" <i>Acta Cryst.</i> , 2006, pp. o157-o161, Vol. C62.	
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Sheet 19 of 39

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Application Number	10/747,742
Filing Date	December 29, 2003
First Named Inventor	Mark Tawa
Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI.2900C3XC2

**NON PATENT LITERATURE DOCUMENTS**

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R97	KIRCHNER, M. T. et al., Co-crystals with Acetylene: Small is not Simple! <i>Chem. Eur. J.</i> , 2010, pp. 2131-2146, Vol. 16.		
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Sheet 20 of 39

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Application Number	10/747,742
Filing Date	December 29, 2003
First Named Inventor	Mark Tawa
Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI2900C3XC2

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Sheet 21 of 39

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Filing Date	December 29, 2003
First Named Inventor	Mark Tawa
Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI.2900C3XC2

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Filing Date	December 29, 2003
First Named Inventor	Mark Tawa
Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI2900C3XC2

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Group Art Unit	1623
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R148	CAIRA, M. "Molecular complexes of sulfonamides. Part 1. 1:1 complexes between sulfadimidine [4-amino-N-(4,6-dimethyl-2-pyrimidinyl) benzenesulfonamide] and 2- and 4-aminobenzoic acids" <i>Journal of Crystallographic and Spectroscopic Research</i> , 1991, pp. 641-648, Vol. 21, No. 5.		
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Sheet 24 of 39

## Complete if Known

Application Number	10/747,742
Filing Date	December 29, 2003
First Named Inventor	Mark Tawa
Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI.2900C3XC2

## NON PATENT LITERATURE DOCUMENTS

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R157	CHINNAKALI, K. et al. "2-aminopyrimidine and <i>p</i> -phenylene-diacetic acid (1:1) co-crystal" <i>Acta Cryst.</i> , 1999, pp. 399-401, Vol. C55.		
R158	BRADER, M.L. et al. "Hybrid insulin cocrystals for controlled release delivery" <i>Nature Biotechnol.</i> , 2002, 20:800-804.		
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Filing Date	December 29, 2003
First Named Inventor	Mark Tawa
Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI.2900C3XC2

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R169	DTATTA, S. <i>et al.</i> "Molecular complex formation between riboflavin and salicylate in an aqueous medium" <i>Bull. Chem. Soc. Jpn.</i> , 2003, pp. 1729-1734, Vol. 76.		
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R173	DESIRAJU, G. <i>et al.</i> "Crystal and co-crystal" <i>Cryst. Eng. Comm.</i> , 2003, pp. 466-467, Vol. 5, No. 82.		
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Filing Date	December 29, 2003
First Named Inventor	Mark Tawa
Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI 2900C3XC2

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	R182	ETTER, M. "Encoding and decoding hydrogen-bond patterns of organic compounds" <i>Acc. Chem. Res.</i> , 1990, pp. 120-126, Vol. 23.	
	R183	ETTER, M. <i>et al.</i> "Graph-set analysis of hydrogen-bond patterns in organic crystals" <i>Acta Cryst.</i> , 1990, pp. 256-262, Vol. B46.	
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	R185	ETTER, M. "Hydrogen bonds as design elements in organic chemistry" <i>J. Phys. Chem.</i> , 1991, pp. 4601-4610, Vol. 95.	
	R186	FABIAN, L. <i>et al.</i> "Volumetric measure of isostructurality" <i>Acta Cryst.</i> , 1999, pp. 1099-1108, Vol. B55.	
	R187	FALLON III, L. "The crystal and molecular structure of 5-fluorouracil" <i>Acta Cryst.</i> , pp. 2549-2556, Vol. B29.	
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Application Number	10/747,742
Filing Date	December 29, 2003
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Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI.2900C3XC2

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R194	GAO, X. <i>et al.</i> "Supramolecular construction of molecular ladders in the solid state" <i>Angew. Chem. Int. Ed.</i> , 2004, pp. 232-236, Vol. 43.		
R195	GARTLAND, G. L. <i>et al.</i> "Hydrogen bonding NH---O=C of barbiturates: the (1:1) crystal complex of urea and 5,5-diethylbarbituric acid (barbital)" <i>Acta Cryst.</i> , 1974, pp. 980-987, Vol. B30.		
R196	GHOSH, M. "Structure and conformation of the 1:1 molecular complex sulfaproxyline-caffeine" <i>Acta Cryst.</i> , 1991, pp. 577-580, Vol. C47.		
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R198	GOSWAMI, S. <i>et al.</i> "2-aminopyrimidine-fumaric acid cocrystal" <i>Acta Cryst.</i> , 1999, pp. 583-585, Vol. C55.		
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R204	HENCK, J. <i>et al.</i> "Disappearing and reappearing polymorphs. The benzocaine:picric acid system" <i>J. Am. Chem. Soc.</i> , 2001, pp. 1834-1841, Vol. 123.		
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R215		ISHIDA, T. et al. "Structural study of histamine H <sub>2</sub> -receptor antagonists. Five 3-[2-(diamino-methyleneamino)-4-thiazolymethylthio] propionamidine and -amide derivatives" <i>Acta Cryst.</i> , 1989, pp. 505-512, Vol. B45	
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Application Number	10/747,742
Filing Date	December 29, 2003
First Named Inventor	Mark Tawa
Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI 2900C3XC2

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R226		KRISHNAMOHAN SHARMA, C. V. <i>et al.</i> "X-ray crystal structure of C <sub>8</sub> H <sub>3</sub> (CO <sub>2</sub> H) <sub>3</sub> ·1,3,5·1.5(4,4'-bipy): a 'super trimesic acid' chicken-wire grid" <i>Chem. Commun.</i> , 1996, pp. 2655-2656.	
R227		KURODA, R. <i>et al.</i> "Generation of a co-crystal phase with coloristic properties via solid state grinding procedures" <i>Chem. Commun.</i> , 2002, pp. 2848-2849.	
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R230		LYNCH, D. <i>et al.</i> "Molecular cocrystals of carboxylic acids. XXXI adducts of 2-aminopyrimidine and 3-amino-1,2,4-triazole with heterocyclic carboxylic acids" <i>Aust. J. Chem.</i> , 1998, pp. 403-408, Vol. 51.	
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R235		MARTIN, R. <i>et al.</i> "The caffeine-potassium chlorogenate molecular complex" <i>Phytochemistry</i> , 1987, pp. 273-279, Vol. 26, No. 1.	
R236		ANDERSON, J. "Constitution of aurous compounds: Gold mirrors" <i>Nature</i> , October 2, 1937, pp. 583-584, Letters to the Editor.	

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	R237	ROBBINS, A. H. <i>et al.</i> "The crystal structure of the 1:2 adduct of potassium triiodide and 5,5-diethylbarbituric acid (barbital)" <i>American Crystallographic Association- Series 2, Papers and Abstracts</i> , 1973, p. 87.	
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	R239	MADARASZ, J. <i>et al.</i> "Thermal, ftir and xrd study on some 1:1 molecular compounds of theophylline" <i>Journal of Thermal Analysis and Calorimetry</i> , 2002, pp. 281-290, Vol. 69.	
	R240	CARONNA, T. <i>et al.</i> "Halogen bonding and $\pi$ ... $\pi$ stacking control reactivity in the solid state" <i>J. Am. Chem. Soc.</i> , 2004, pp. 4500-4501, Vol. 126.	
	R241	ZERKOWSKI, J. <i>et al.</i> "Steric control of secondary, solid-state architecture in 1:1 complexes of melamines and barbiturates that crystallize as crinkled tapes" <i>J. Am. Chem. Soc.</i> , 1994, pp. 4298-4304, Vol. 116.	
	R242	ZAITU, S. <i>et al.</i> "1:1 Molecular complex of theophylline and p-nitroaniline" <i>Acta Cryst.</i> , 1995, pp. 2390-2392, Vol. C51.	
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	R244	QUEHENBERGER, H. "Concerning organic molecular compounds and their polymorphism" <i>Monatshefte für Chemie</i> , 1949, pp. 595-606, Vol. 80, No. 5.	X
	R245	WIEDENFELD, H. <i>et al.</i> "The crystal structure of the theophylline-urea complex" <i>Arch. Pharm.</i> , 1986, pp. 654-659, Vol. 319.	X
	R246	BUNICK, G. <i>et al.</i> "The crystal and molecular structure of the complex 2,6-diamino-9-ethylpurine 5,5-diethylbarbituric acid" <i>American Crystallographic Association, Abstract Papers</i> Winter 1976, p. 30.	
	R247	BUCZAK, G. <i>et al.</i> "Crystal structure and vibrational spectra of the 1:1 and 1:2 complexes of pyridine betaine with pentachlorophenol" <i>Journal of Molecular Structure</i> , 1997, pp. 143-151, Vol. 436-437.	

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Attorney Docket Number	TPI.2900C3XC2

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	R251	KRANTZ, J. <i>et al.</i> "Sodium theophylline glycinate" <i>Journal of the American Pharmaceutical Association</i> , 1946, pp. 248-250.	
	R252	DATTA, S. <i>et al.</i> "Crystal structures of drugs: advances in determination, prediction and engineering" <i>Nature</i> , January 2004, pp. 42-57, Vol. 3.	
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	R254	CHILDS, S. <i>et al.</i> "Crystal engineering approach to forming cocrystals of amine hydrochlorides with organic acids. Molecular complexes of fluoxetine hydrochloride with benzoic, succinic, and fumaric acids" <i>J. Am. Chem. Soc.</i> , 2004, pp. 13335-13342, Vol. 126.	
	R255	AAKERÖY, C. <i>et al.</i> "Modular supramolecular synthesis based on a dominance hierarchy of intermolecular interactions (Abstract)" 223 <sup>rd</sup> ACS National Meeting in Orlando, FL., April 7-11, 2002, published by the American Chemical Society, Washington, D.C.	
	R256	HELFRICH, B. <i>et al.</i> "Polymorphism as an indication of structural versatility (Abstract)" 223 <sup>rd</sup> ACS National Meeting in Orlando, FL., April 7-11, 2002, published by the American Chemical Society, Washington, D.C.	
	R257	WEBER, E. <i>et al.</i> "Synthesis of new Schiff bases: reaction of monofluorobenzaldehydes with 3-aminosulfolane hydrochloride (Abstract)" 216 <sup>th</sup> ACS National Meeting in Boston, MA., August 23-27, 1998, published by the American Chemical Society, Washington, D.C.	

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First Named Inventor	Mark Tawa
Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI-2900C3XC2

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	R258	SCARBROUGH, F. <i>et al.</i> "Crystal structure of a complex between lumiflavin and 2,6-diamino-9-ethylpurine: a flavin adenine dinucleotide model exhibiting charge-transfer interactions" <i>Proc. Natl. Acad. Sci. USA</i> , November 1976, pp. 3807-3811, Vol. 73, No. 11.	
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	R260	LYNCH, D. <i>et al.</i> "1:1 Molecular complexes of 4-amino-N-(4,6-dimethylpyrimidin-2-yl)benzene-sulfonamide (sulfamethazine) with indole-2-carboxylic acid and 2,4-dinitrobenzoic acid" <i>Aust. J. Chem.</i> , 2000, pp. 383-387, Vol. 53.	
	R261	AAKERÖY, C. <i>et al.</i> "Solid state, crystal engineering and hydrogen bonds" <i>Comprehensive Coordination Chemistry II</i> (ed. by McCleverty, J. <i>et al.</i> ), pp. 679-688, Elsevier Ltd., Oxford, UK.	
	R262	LEVIN, B. <i>et al.</i> "The not-so-trivial synthesis and characterization of heterocyclic boronic acids (Abstract)" 38 <sup>th</sup> Midwest Regional Meeting of the American Chemical Society in Columbia, MO, November 5-7, 2003, published by the American Chemical Society, Washington, D.C.	
	R263	SMITH, G. <i>et al.</i> "Interactions of aromatic carboxylic acids with quinolin-8-ol (oxine): Synthesis and the crystal structures of the proton-transfer compounds with the nitro-substituted benzoic acids" <i>Aust. J. Chem.</i> , 2001, pp. 171-175, Vol. 54.	
	R264	STALKER, R. <i>et al.</i> "Asymmetric synthesis of two new conformationally constrained lysine derivatives" <i>Tetrahedron</i> , 2002, pp. 4837-4849, Vol. 58.	
	R265	VOET, D. <i>et al.</i> "Barbiturates and adenine derivatives. Molecular structure of a hydrogen-bonded complex" <i>Journal of the American Chemical Society</i> , August 9, 1972, pp. 5888-5891, Vol. 94, No. 16.	
	R266	LE JEUNNE, C. <i>et al.</i> "Comparative efficacy and safety of calcium carbasalate plus metoclopramide versus ergotamine tartrate plus caffeine in the treatment of acute migraine attacks" <i>Eur. Neurol.</i> , 1999, pp. 37-43, Vol. 41.	
	R267	AAKERÖY, C. <i>et al.</i> "Hydrogen-bonded layers of hydrogentartrate anions: two-dimensional building blocks for crystal engineering" <i>J. Mater. Chem.</i> , 1993, pp. 1129-1135, Vol. 3, No. 11.	

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First Named Inventor	Mark Tawa
Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI 2900C3XC2

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R268	HU, Z. <i>et al.</i> "Separation of 4-aminobenzoic acid by cocrystallization: Crystal structure of the complex of 4-aminobenzoic acid with (2R,3R)-tartric acid" <i>Journal of Chemical Crystallography</i> , December 2002, pp. 525-529, Vol. 32, No. 12.		
R269	GUARRERA, D. <i>et al.</i> "Molecular self-assembly in the solid state. The combined use of solid state NMR and differential scanning calorimetry for the determination of phase constitution" <i>Chem. Mater.</i> , 1994, pp. 1293-1296, Vol. 6.		
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R273	SHEFTER, E. <i>et al.</i> , ACS, Abstr. Papers (Summer), 1970, 35, compound name: sulfathiazole-theophylline complex.		
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R279		DENNING, D. W. <i>et al.</i> "In vitro activity of Saperconazole (R66 905) compared with Amphotericin B and Itraconazole against <i>Aspergillus</i> species" <i>Eur. J. Clin. Microbiol. Infect. Dis.</i> , 1990, pp. 693-697, Vol. 9.	
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Sheet 36 of 39

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Application Number	10/747,742
Filing Date	December 29, 2003
First Named Inventor	Mark Tawa
Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI 2900C3XC2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue numbers, publisher, city and/or country where published.	T <sup>2</sup>
R290		ODDS, F. C. "Antifungal activity of saperconazole (R 66 905) <i>in vitro</i> " <i>Journal of Antimicrobial Chemotherapy</i> , 1989, pp. 533-537, Vol. 24.	
R291		SAKSENA, A. K. <i>et al.</i> "Advances in the chemistry of novel broad-spectrum orally active azole antifungals: recent studies leading to the discovery of SCH 56592" in <i>Advances in the Chemistry of Novel Broad-Spectrum Orally Active Azole Antifungals</i> (Royal Soc. Chem., Cambridge), 1997, pp. 180-199.	
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R295		WEST, A. R., "Solid Solutions" in: <i>Solid State Chemistry and its Applications</i> , 1988, pp. 358-365, Wiley, NY.	
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	R298	Physician's Desk Reference, 56 <sup>th</sup> Ed., pp. 1800-1804, 2002.	
	R299	KIM, H. <i>et al.</i> "High-performance liquid chromatographic analysis of the anti-fungal agent SCH 56592 in dog serum" <i>Journal of Chromatography B</i> , 2000, pp. 93-98, Vol. 738.	
	R300	VIPPAGUNTA, S. R. <i>et al.</i> "Crystalline solids" <i>Advanced Drug Delivery Reviews</i> , 2001, pp. 3-26, Vol. 48.	
	R301	MCCRONE, W. C. "Polymorphism", In: <i>The Physics and Chemistry of the Organic Solid State</i> , Vol. II, FOX, D. <i>et al.</i> (eds.), 1965, pp. 725-767, Interscience, New York.	
	R302	LEGER, J.M. <i>et al.</i> "Crystal Structure of the 1:1 Sulfacetamide-Caffeine Complex" <i>Acta Cryst.</i> , 1977, pp. 1455-1459, Vol. B33.	X
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	R305	FAUGHT, E. <i>et al.</i> "Topiramate Dose-Ranging Trial in Refractory Partial Epilepsy", <i>Amer. Epilepsy Soc. Proc.</i> , (1995), pg. 33, Vol. 36, Supp. 4.	
	R306	PRIVITERA, M. <i>et al.</i> "Dose-Ranging Trial with Higher Doses of Topiramate in Patients with Resistant Partial Seizures", <i>Amer. Epilepsy Soc. Proc.</i> , 1995, pg. 33, Vol. 36, Supp. 4.	
	R307	SACHDEO, S. K. <i>et al.</i> "Topiramate: Double-Blind Trial as Monotherapy", <i>Amer. Epilepsy Soc. Proc.</i> , 1995, pg. 33, Vol. 36, Supp. 4.	
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First Named Inventor	Mark Tawa
Group Art Unit	1623
Examiner Name	Jonathan S. Lau
Attorney Docket Number	TPI2900C3XC2

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	R309	ROSENFELD, W. E. "Topiramate: A Review of Preclinical, Pharmacokinetic, and Clinical Data", <i>Clinical Therapeutics</i> , 1997, pp. 1294-1308, Vol. 19, No. 6.	
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	R311	DATABASE WPI, Section Ch, Week 197936, Derwent Publishing Ltd, London, Great Britain, Class B02, AN 1979-65538B, XP002282989 and JP 54 095589A (Sumitomo) 1979 Abstract.	
	R312	FITZGERALD, G. A. "The Coxibs, Selective Inhibitors of Cyclooxygenase-2", <i>New England Journal of Medicine</i> , Vol. 345, No. 6, August 9, 2001, pp. 433-442.	
	R313	AAKERÖY, C. et al. "Low-dimensional architectures of silver coordination compounds assembled via amide-amide hydrogen bonds" <i>Crystal Engineering</i> , 1998, pp. 39-49, Vol. 1, No. 1.	
	R314	AAKERÖY, C. et al. "Molecular mechanics and crystal engineering" <i>Crystal Engineering</i> (ed. by Seddon, K. R. et al.), 1999, pp. 69-82, Kluwer Academic Publishers, The Netherlands.	
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	R316	AAKERÖY, C. et al. "Novel colorless composite materials for nonlinear optics" <i>Adv. Mater.</i> , 1993, pp. 364-367, Vol. 5, No. 5.	
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	R319	AAKERÖY, C. et al. "A structural study of 2-amino-5-nitropyridine and 2-amino-3-nitropyridine: intermolecular forces and polymorphism" <i>J. Mater. Chem.</i> , 1998, pp. 1385-1389, Vol. 8, No. 6.	
	R320	AAKERÖY, C. et al. "Supramolecular assembly of low-dimensional silver (I) architectures via amide-amide hydrogen bonds" <i>Chem. Commun.</i> , 1998, pp. 1067-1068.	
	R321	AAKERÖY, C. et al. "Total synthesis <sup>3</sup> supramolecular style: design and hydrogen-bond-directed assembly of ternary supermolecules" <i>Angew. Chem. Int. Ed.</i> , 2001, pp. 3240-3242, Vol. 40, No. 17.	

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Attorney Docket Number	TPI.2900C3XC2

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	R322	AAKERÖY, C. <i>et al.</i> "Two-fold interpenetration of 3-D nets assembled via three-co-ordinate silver(I) ions and amide-amide hydrogen bonds" <i>J. Chem. Soc., Dalton Trans.</i> , 1998, pp. 1943-1945.	
	R323	AHN, S. <i>et al.</i> "Polymorphs of a 1:1 cocrystal with tunnel and layer structures: <i>p,p'</i> -biphenol/dimethyl sulfoxide" <i>Crystal Growth &amp; Design</i> , 2001, pp. 107-111, Vol. 1, No. 2.	
	R324	AAKERÖY, C. <i>et al.</i> "Hydrogen-bonding in solids" <i>Crystal Engineering</i> (ed. by Seddon, K. R. <i>et al.</i> ), 1999, pp. 303-324, Kluwer Academic Publishers, The Netherlands.	
	R325	AAKERÖY, C. <i>et al.</i> "Di-hydroxy malonic acid as a building block of hydrogen-bonded 3-dimensional architectures" <i>Journal of Chemical Crystallography</i> , 1998, pp. 111-117, Vol. 28, No. 2.	
	R326	AAKERÖY, C. <i>et al.</i> "Do polymorphic compounds make good cocrystallizing agents? A structural case study that demonstrates the importance of synthon flexibility" <i>Crystal Growth &amp; Design</i> , 2003, pp. 159-165, Vol. 3, No. 2.	
	R327	AAKERÖY, C. <i>et al.</i> "Heteromeric intermolecular interactions as synthetic tools for the formation of binary co-crystals" <i>Cryst. Eng. Comm.</i> , 2004, pp. 19-24, Vol. 6, No. 5.	
	R328	AAKERÖY, C. <i>et al.</i> "Hydrogen-bond assisted assembly of organic and organic-inorganic solids" <i>Crystal Engineering: From Molecules and Crystals to Materials</i> , 1999, pp. 89-106, Kluwer Academic Publishers, The Netherlands.	
	R329	AAKERÖY, C. <i>et al.</i> "A high-yielding supramolecular reaction" <i>J. Am. Chem. Soc.</i> , 2002, 14425-14432, Vol. 124.	
	R330	AAKERÖY, C. <i>et al.</i> "The hydrogen bond and crystal engineering" <i>Chemical Society Reviews</i> , 1993, pp. 397-407.	
	R331	AMMAR, H. O. <i>et al.</i> "Effect of Aromatic Hydrotropes on the Solubility of Carbamazepine. Part II: Effect of Nicotinamide, Sodium Salts of Benzoic, Naphthoic and Nicotinic Acids" <i>Egypt. J. Pharm. Sci.</i> , 1994, pp. 209-223, Vol. 35, No. 1-6.	
	R332	DE JONG, E. M. G. J. <i>et al.</i> "Dystrophic Psoriatic Fingernails Treated with 1% 5-Fluorouracil in Nail Penetration-Enhancing Vehicle: A Double-Blind Study" <i>Dermatology</i> , 1999, pp. 313-318, Vol. 199, No. 4.	
	R333	DVORKIN <i>et al.</i> "Crystal and Molecular Structure of a Complex 18-crown-6 with 6-chloro-7-sulfamido-3,4-dihydro-1,2,4-benzothiadiazine-1, 1-dioxide (hypothiazide) of 1:1 Composition" <i>Kristallagrafiya</i> , 1990, pp. 682-686, Vol. 35, No. 3 (with English abstract).	
	R334	WALSH, R. D. <i>et al.</i> "Crystal Engineering of the Composition of Pharmaceutical Phases" <i>Chem. Commun.</i> , 2003, pp. 186-187.	

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